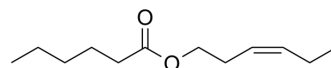


cis-3-Hexenyl Hexanoate

Cat. No.:	HY-W014933
CAS No.:	31501-11-8
Molecular Formula:	C ₁₂ H ₂₂ O ₂
Molecular Weight:	198.3
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (504.29 mM; Need ultrasonic)																								
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent Concentration</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td></td> <td>5.0429 mL</td> <td>25.2143 mL</td> <td>50.4286 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>1.0086 mL</td> <td>5.0429 mL</td> <td>10.0857 mL</td> </tr> <tr> <td>10 mM</td> <td></td> <td>0.5043 mL</td> <td>2.5214 mL</td> <td>5.0429 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg	1 mM		5.0429 mL	25.2143 mL	50.4286 mL	5 mM		1.0086 mL	5.0429 mL	10.0857 mL	10 mM		0.5043 mL	2.5214 mL	5.0429 mL			
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Please refer to the solubility information to select the appropriate solvent.																									
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (12.61 mM); Clear solution																								
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.61 mM); Clear solution																								
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.61 mM); Clear solution																								

BIOLOGICAL ACTIVITY

Description	cis-3-Hexenyl Hexanoate is an active compound. cis-3-Hexenyl Hexanoate can be isolated from Feijoa sellowiana ^[1] .
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REFERENCES

[1]. Shaw, G. J., et al. (1983). Volatile constituents of feijoa—headspace analysis of intact fruit. Journal of the Science of Food and Agriculture, 34(7), 743–747.

Caution: Product has not been fully validated for medical applications. For research use only.

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